



Serial No. 10/631990

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**PATENT APPLICATION**

Inventor(s): **Thierry E Klein  
Kin K Leung  
Haitao Zheng**  
Case: **5-8-4**  
Serial No.: **10/631990**  
Filing Date: **July 31, 2003**  
Examiner: Group Art Unit:  
Title: **Method And Apparatus For Scheduling Transmissions In Wireless  
Data Networks**

**COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450**

**SIR:**

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97(b)**

In accordance with 37 CFR 1.97(b), the enclosed Information Disclosure Statement, with attached reference(s), is submitted for consideration in the above-identified application.

Copies of the listed documents are enclosed together with the search report that listed these documents.

**NO FEE IS REQUIRED**

In the event of any non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Lucent Technologies Deposit Account No. 12-2325** as required to correct the error.

Respectfully,

  
**David W. Herring, Attorney**

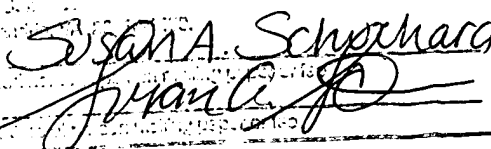
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908-582-4326

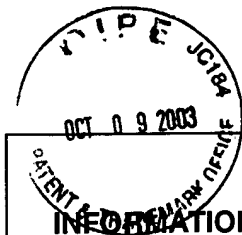
Dat : October 6, 2003

**Docket Administrator (Room 3J-219)**  
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10/7/03

Patent Application

  
**Susan A. Schephard**



## INFORMATION DISCLOSURE STATEMENT

Case Name. T. Klein 5-8-4  
 Serial No. 10/631990  
 Applicant: T. Klein, et al.  
 Filing Date: July 31, 2003  
 Group:

## U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation

## OTHER (including Author, Title, Date, Pertinent Pages, etc.)

	AA	Yeung, K. L., Nanda, S. "Channel Management in Microcell/Macrocell Cellular Radio Systems", <u>IEEE Transactions On Vehicular Technology</u> , Vol. 45, No. 4, pages 601-612 (November 1996).
	AB	Jabbari, B., Fuhrmann, W. F., "Teletraffic Modeling and Analysis of Flexible Hierarchical Cellular Networks with Speed-Sensitive Handoff Strategy", <u>IEEE Journal On Selected Areas In Communications</u> , Vol. 15, No. 8, pages 1539-1548 (October 1997).
	AC	Sung, C. W., Wong, W. S., "User Speed Estimation and Dynamic Channel Allocation in Hierarchical Cellular System", <u>IEEE</u> , pages 91-95 (1994).
	AD	Beraldi, R., Marano, S., Mastroianni, C. "A Reversible Hierarchical Scheme for Microcellular Systems with Overlaying Macrocells", <u>IEEE</u> , pages 51-58 (1996).
	AE	Benveniste, M., "Cell Selection in Two-Tier Microcellular/Macrocellular Systems", <u>IEEE</u> , pages 1532-1536 (1995).
	AF	Rappaport, S. S., Hu, L.-R., "Microcellular Communication Systems with Hierarchical Macrocell Overlays: Traffic Performance Models and Analysis", <u>Proceedings of the IEEE</u> , Vol. 82, No. 9, pages 1383-1397 (September 1994).
	AG	Bender, P., Black, P., Grob, M., Padovani, R., Sindhushayana, S. Viterbi, A., "CDMA/HDR: A Bandwidth-Efficient High-Speed Wireless Data Service for Nomadic Users", <u>IEEE Communications Magazine</u> , pages 70-77 (2000).
	AH	Austin, M.D., Stuber, G.L., "Velocity Adaptive Handoff Algorithms for Microcellular Systems", <u>IEEE Transactions on Vehicular Technology</u> , Vol. 43, No. 3, pages 549-561 (August 1994).
	AI	Holtzman, J.M., "Asymptotic Analysis of Proportional Fair Algorithm", <u>IEEE</u> , pages F-33-F-37 (2001).
	AJ	Jalali, A., Padovani, R., Pankaj, R., "Data Throughput of CDMA-HDR a High Efficiency-High Data Rate Personal Communication Wireless System", <u>IEEE</u> , pages 1854-1858 (2000).
	AK	Viswanath, P., Tse, D.N.C., Laroia, R., "Opportunistic Beamforming Using Dumb Antennas", <u>IEEE Transactions on Information Theory</u> , Vol. 48, No. 6, pages 1277-1294 (2002).

\*\*\*References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.

\*\*\*Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header

EXAMINER	DATE CONSIDERED

\***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant